



21st Century Trucks and Telematics

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Report Documentation Page		
Report Date 29May2001	Report Type N/A	Dates Covered (from... to) - -
Title and Subtitle 21st Century Trucks and Telematics		Contract Number
		Grant Number
		Program Element Number
Author(s) Skalny, Paul		Project Number
		Task Number
		Work Unit Number
Performing Organization Name(s) and Address(es) NAC		Performing Organization Report Number
Sponsoring/Monitoring Agency Name(s) and Address(es) NDIA (National Defense Industrial Association) 211 Wilson Blvd, STE. 400 Arlington, VA 22201-3061		Sponsor/Monitor's Acronym(s)
		Sponsor/Monitor's Report Number(s)
Distribution/Availability Statement Approved for public release, distribution unlimited		
Supplementary Notes Proceedings from the 2001 Vehicle Technologies Symposium - Intelligent Systems for the Objective Force, 29-31 May 2001 Sponsored by NDIA		
Abstract		
Subject Terms		
Report Classification unclassified		Classification of this page unclassified
Classification of Abstract unclassified		Limitation of Abstract UU
Number of Pages 7		



21st Century Trucks Vision



Truck fleets that are more...

- Fuel Efficient
- Cleaner
- Safer
- Affordable

A tactical vehicle fleet that is also...

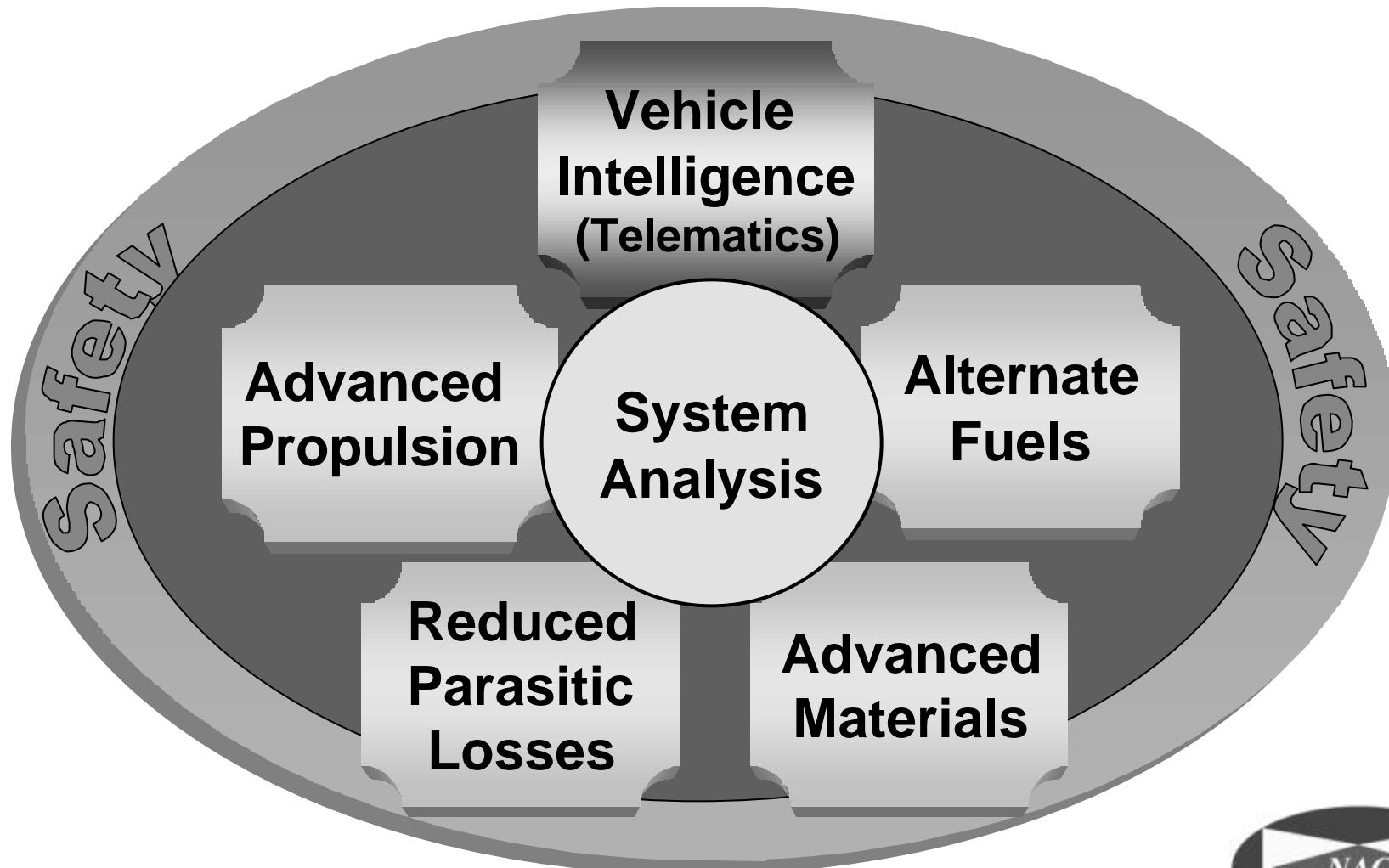
- Easier to support
- Survives in the battle space
- Faster to deploy
- Always ready



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21st Century Trucks Research Focus



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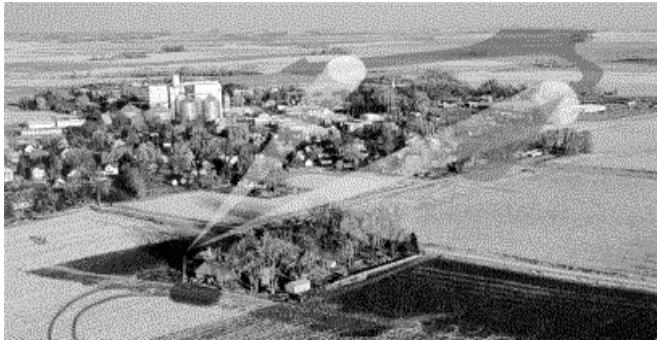


21st Century Trucks

Bringing Telematics to the Transformation



Future Scout Cavalry System



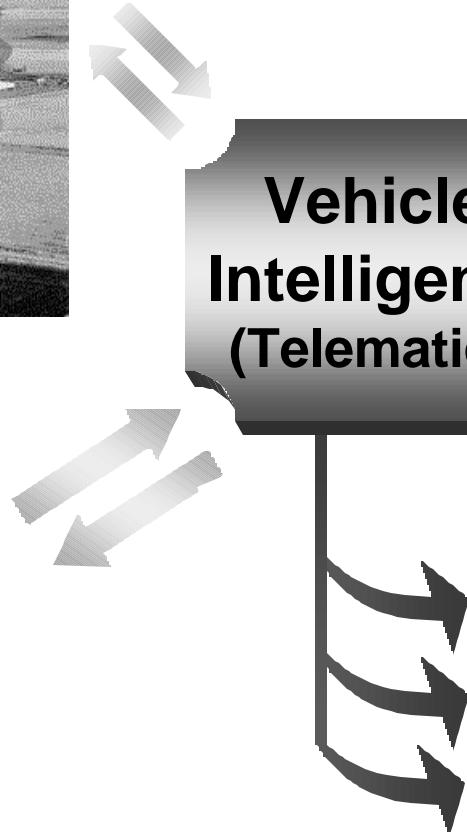
Future Combat System



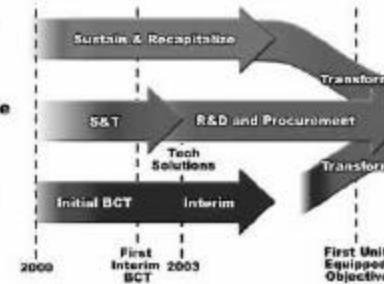
Interim Brigade
Combat Systems



**Vehicle
Intelligence
(Telematics)**



The Transformation



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21st Century Trucks

Measuring the Real-World Impact of Telematics



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21st Century Trucks Demonstrating Telematics

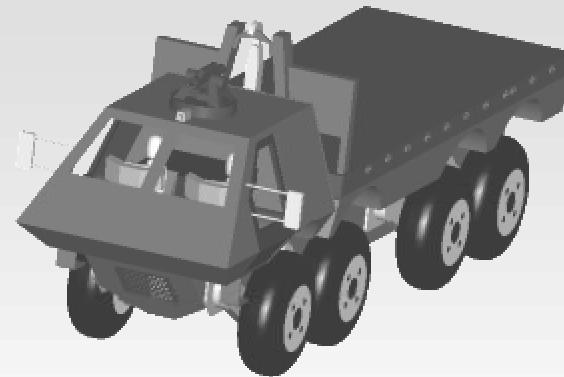


Class 6 Command Center With a Hybrid Propulsion System (Smart Bus)

- Autonomous Command Center Vehicle
- Real-time Propulsion Systems Analysis
- Web-based Satellite Communications
- GPS
- Collision Avoidance
- Night Vision



Future Tactical Truck System



- Maintainer's Remote Logistics Network (MRLN)
- Voice Interactive TruckPC
- Movement Tracking System (MTS)



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21st Century Trucks: Putting it all Together



Focus Areas

Safety

VEHICLE INTELLIGENCE

Advanced Propulsion

Alternate Fuels

Advanced Materials

Reduced Parasitic Losses

Platforms

Class 2B



Class 6



Class 8 +



Outcomes

Fuel Economy



Increased Safety



Lower Life-Cycle Cost



Vehicle Performance



Reduced Emissions



Design Optimization

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